

DECLARATION
AND POWER OF ATTORNEY
U.S.A.

FOR ATTORNEYS' USE ONLY

EYES' DOCKET NO.

P64708US0

ALL PATENTS, INCLUDING DESIGN
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;
NON PRIORITY; OR PROVISIONAL APPLICATIONS

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

ELECTRODE AND CELL

which is described and claimed in: ☒ PCT International Application No. PCT/JP98/01844 filed 22 April 1998
☐ the attached specification ☒ the specification in application Serial No. 09/403,603 filed 22 October 1999

(if applicable) and amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

9/105051 Japan 23 April 1997
(Number) (Country) (Day/Month/Year Filed)

Priority Claimed

☒ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No. Filing Date Application No. Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No.) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); D. DOUGLAS PRICE (24,514); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (45,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136

or

JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

DIRECT TELEPHONE CALLS TO:

(please use Attorney's Docket No.) (202) 638-6666

JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY

*Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME * OF INVENTOR	FAMILY NAME <u>ARIMA</u>	GIVEN NAME <u>Yoichiro</u>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Kyoto-shi</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku</u>	CITY <u>Kyoto-shi, Kyoto-fu</u>	STATE OR COUNTRY <u>Japan</u>
				ZIP CODE <u>601-8520</u>
202	FULL NAME * OF INVENTOR	FAMILY NAME <u>TSUKAMOTO</u>	GIVEN NAME <u>Hisashi</u>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Kyoto-shi</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku</u>	CITY <u>Kyoto-shi, Kyoto-fu</u>	STATE OR COUNTRY <u>Japan</u>
				ZIP CODE <u>601-8520</u>
203	FULL NAME * OF INVENTOR	FAMILY NAME <u>AIHARA</u>	GIVEN NAME <u>Shigeru</u>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>
				ZIP CODE <u>100-0005</u>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
<u>Yoichiro Arima</u>		
DATE <u>January 22, 2001</u>	DATE	DATE

☒ Additional inventors are named on separately numbered sheets attached hereto.

© JPH&S 1995 8/95; 1/00 (COPYING WITHOUT DELETIONS PERMITTED)

JACOBSON, PRICE, HOLMAN & STERN, PLL
ADDITIONAL INVENTORS

* Inventor(s) name must include at least one unabbreviated first or middle name.

204	FULL NAME * OF INVENTOR	FAMILY NAME TAKEMURA	GIVEN NAME Daig	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan	ZIP CODE 100-0005
205	FULL NAME * OF INVENTOR	FAMILY NAME SHIODA	GIVEN NAME Hisashi	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan	ZIP CODE 100-0005
206	FULL NAME * OF INVENTOR	FAMILY NAME URUSHIHATA	GIVEN NAME Hiroaki	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan	ZIP CODE 100-0005
207	FULL NAME * OF INVENTOR	FAMILY NAME ARAKANE	GIVEN NAME Jun	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan	ZIP CODE 100-0005
208	FULL NAME * OF INVENTOR	FAMILY NAME YOSHIOKA	GIVEN NAME Shyoji	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan	ZIP CODE 100-0005
209	FULL NAME * OF INVENTOR	FAMILY NAME KISE	GIVEN NAME Makiko	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan	ZIP CODE 100-0005
210	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
211	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204 *	SIGNATURE OF INVENTOR 205 *	SIGNATURE OF INVENTOR 206 *
DATE	DATE	DATE
SIGNATURE OF INVENTOR 207 *	SIGNATURE OF INVENTOR 208 *	SIGNATURE OF INVENTOR 209 *
DATE	DATE	DATE
SIGNATURE OF INVENTOR 210 *	SIGNATURE OF INVENTOR 211 *	
DATE	DATE	

☐ Additional inventors are named on separately numbered sheets attached hereto.
 ©JPH&S 1995 8/95; 5/98 (COPYING WITHOUT DELETIONS PERMITTED)

DECLARATION AND POWER OF ATTORNEY U.S.A.

ALL PATENTS, INCLUDING DESIGN
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;
NON PRIORITY; OR PROVISIONAL APPLICATIONS

FOR ATTORNEYS' USE ONLY

KEYS' DOCKET NO.

P64708US0

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

ELECTRODE AND CELL

which is described and claimed in: ☒ PCT International Application No. PCT/JP98/01844 filed 22 April 1998
☐ the attached specification ☒ the specification in application Serial No. 09/403,603 filed 22 October 1999
(if applicable) and amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

9/105051 Japan 23 April 1997
(Number) (Country) (Day/Month/Year Filed)

Priority Claimed

☒ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No. _____ Filing Date _____ Application No. _____ Filing Date _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No.) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); D. DOUGLAS PRICE (24,514); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (45,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136

JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

DIRECT TELEPHONE CALLS TO:

(please use Attorney's Docket No.) (202) 638-6666

JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY

*Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME * OF INVENTOR	FAMILY NAME ARIMA	GIVEN NAME Yoichiro	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Kyoto-shi	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku	CITY Kyoto-shi, Kyoto-fu	STATE OR COUNTRY Japan
202	FULL NAME * OF INVENTOR	FAMILY NAME TSUKAMOTO	GIVEN NAME Hisashi	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Kyoto-shi	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku	CITY Kyoto-shi, Kyoto-fu	STATE OR COUNTRY Japan
203	FULL NAME * OF INVENTOR	FAMILY NAME AIHARA	GIVEN NAME Shigeru	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 2-3, Marunouchi 2-chome, Chiyoda-ku	CITY Tokyo	STATE OR COUNTRY Japan
			ZIP CODE 601-8520	
			ZIP CODE 601-8520	
			ZIP CODE 100-0005	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
DATE	DATE	DATE <u>2001.01.15</u>

☒ Additional inventors are named on separately numbered sheets attached hereto.

© JPH&S 1995 8/95; 1/00 (COPYING WITHOUT DELETIONS PERMITTED)

JACOBSON, PRICE, HOLMAN & STERN, PLLC
ADDITIONAL INVENTORS

* Inventor(s) name must include at least one unabbreviated first or middle name.

4-00	204	FULL NAME * OF INVENTOR	FAMILY NAME <u>TAKEMURA</u>	GIVEN NAME <u>Daigo</u>	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	ZIP CODE <u>100-0005</u>
5-00	205	FULL NAME * OF INVENTOR	FAMILY NAME <u>SHIODA</u>	GIVEN NAME <u>Hisashi</u>	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	ZIP CODE <u>100-0005</u>
6-00	206	FULL NAME * OF INVENTOR	FAMILY NAME <u>URUSHIHATA</u>	GIVEN NAME <u>Hiroaki</u>	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	ZIP CODE <u>100-0005</u>
7-00	207	FULL NAME * OF INVENTOR	FAMILY NAME <u>ARAKANE</u>	GIVEN NAME <u>Jun</u>	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	ZIP CODE <u>100-0005</u>
8-00	208	FULL NAME * OF INVENTOR	FAMILY NAME <u>YOSHIOKA</u>	GIVEN NAME <u>Shyoji</u>	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	ZIP CODE <u>100-0005</u>
9-00	209	FULL NAME * OF INVENTOR	FAMILY NAME <u>KISE</u>	GIVEN NAME <u>Makiko</u>	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY <u>Tokyo</u> <u>JPX</u>	STATE OR FOREIGN COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u>	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>2-3, Marunouchi 2-chome, Chiyoda-ku</u>	CITY <u>Tokyo</u>	STATE OR COUNTRY <u>Japan</u>	ZIP CODE <u>100-0005</u>
210		FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
211		FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME	
		RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
		POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204 *	SIGNATURE OF INVENTOR 205 *	SIGNATURE OF INVENTOR 206 *
<u>Daigo Takemura</u>	<u>Hisashi Shioda</u>	<u>Hiroaki Urushihata</u>
DATE <u>2001.01.15</u>	DATE <u>2001.01.17</u>	DATE <u>2001.01.15</u>
SIGNATURE OF INVENTOR 207 *	SIGNATURE OF INVENTOR 208 *	SIGNATURE OF INVENTOR 209 *
<u>Jun Arakane</u>	<u>Shyoji Yoshioka</u>	<u>Makiko Kise</u>
DATE <u>2001.01.15</u>	DATE <u>2001.01.15</u>	DATE <u>2001.01.15</u>
SIGNATURE OF INVENTOR 210 *	SIGNATURE OF INVENTOR 211 *	
DATE	DATE	